



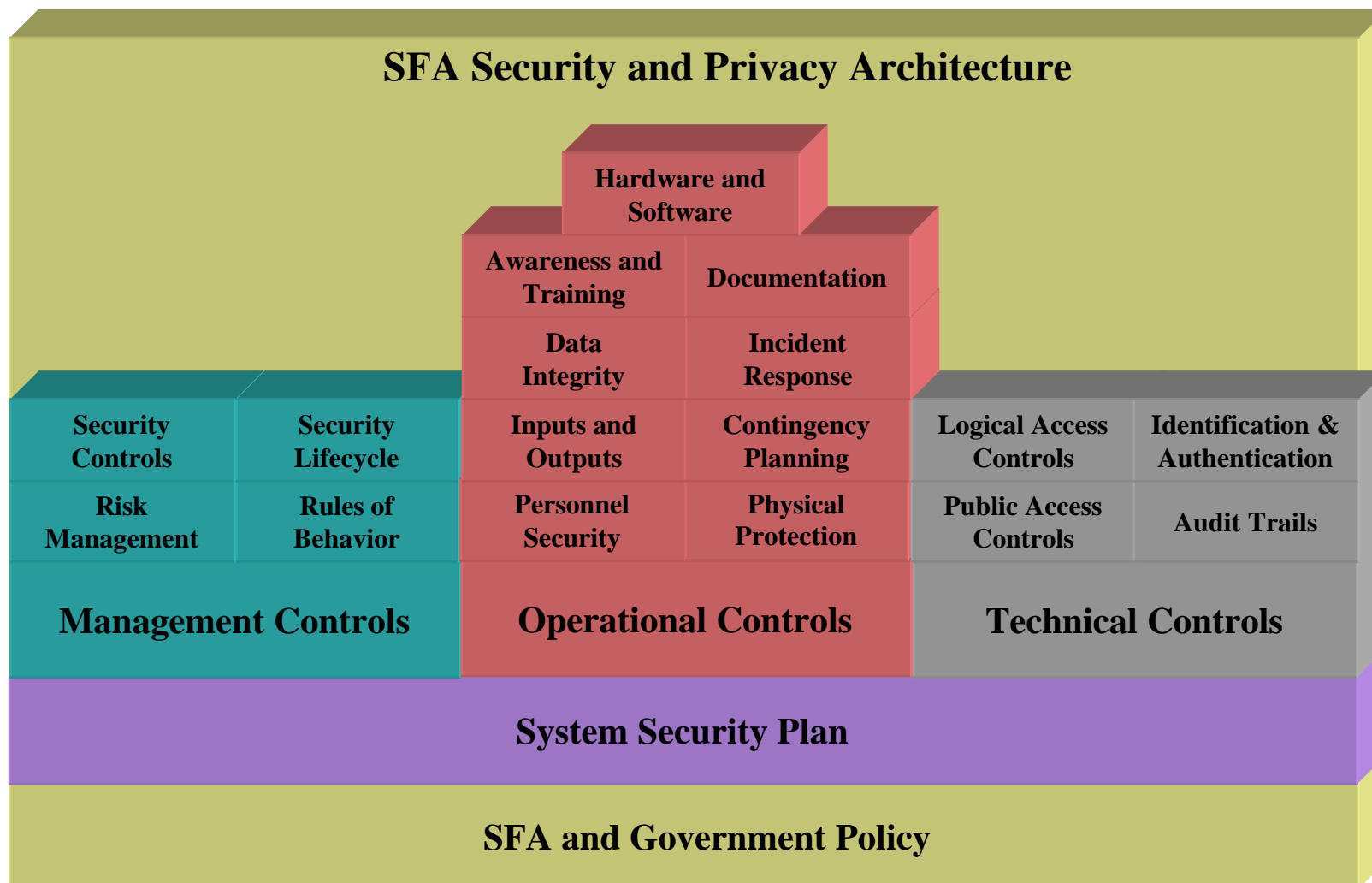
P U B L I C S E R V I C E S

SFA Modernization Project

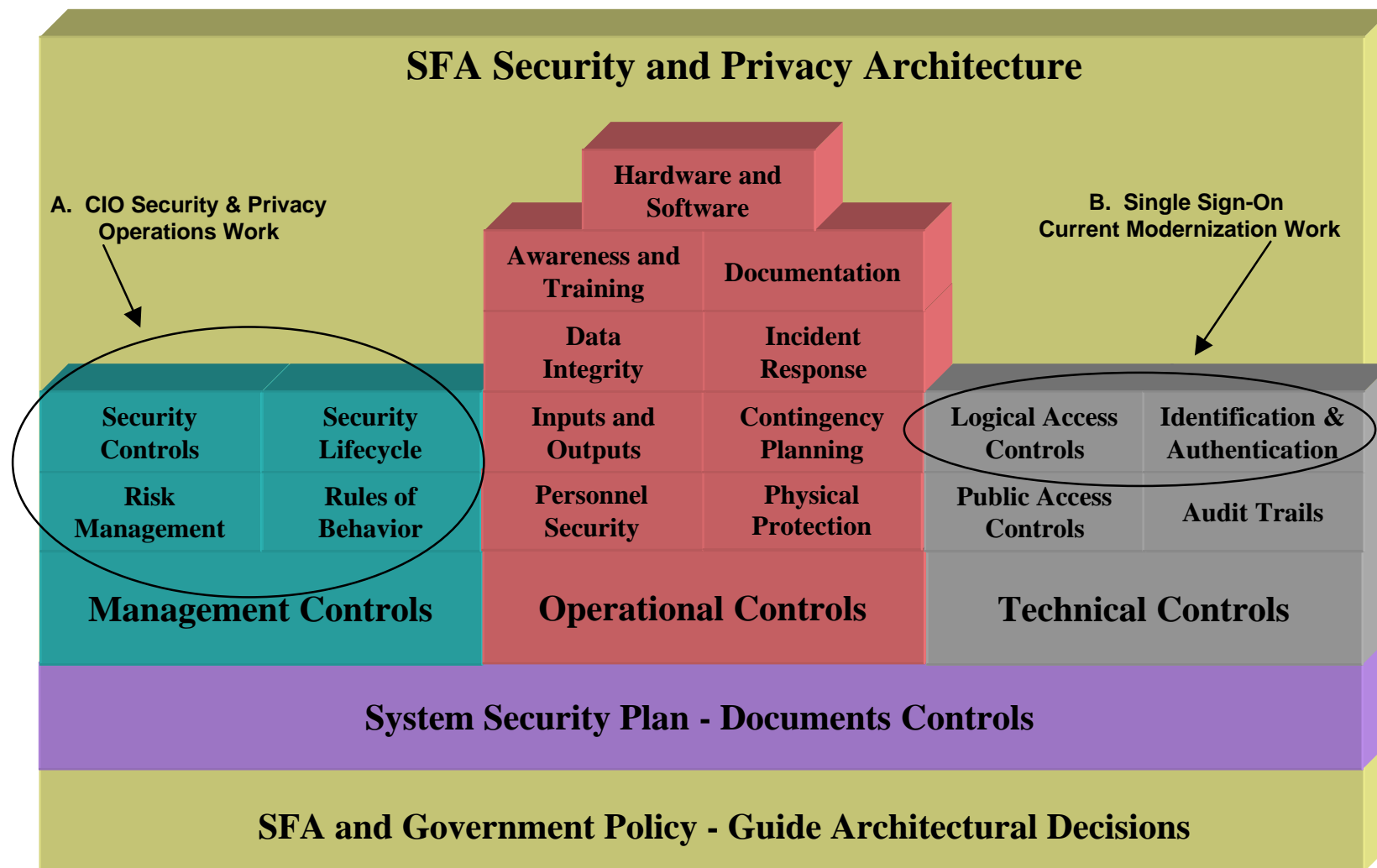


September 13, 2001

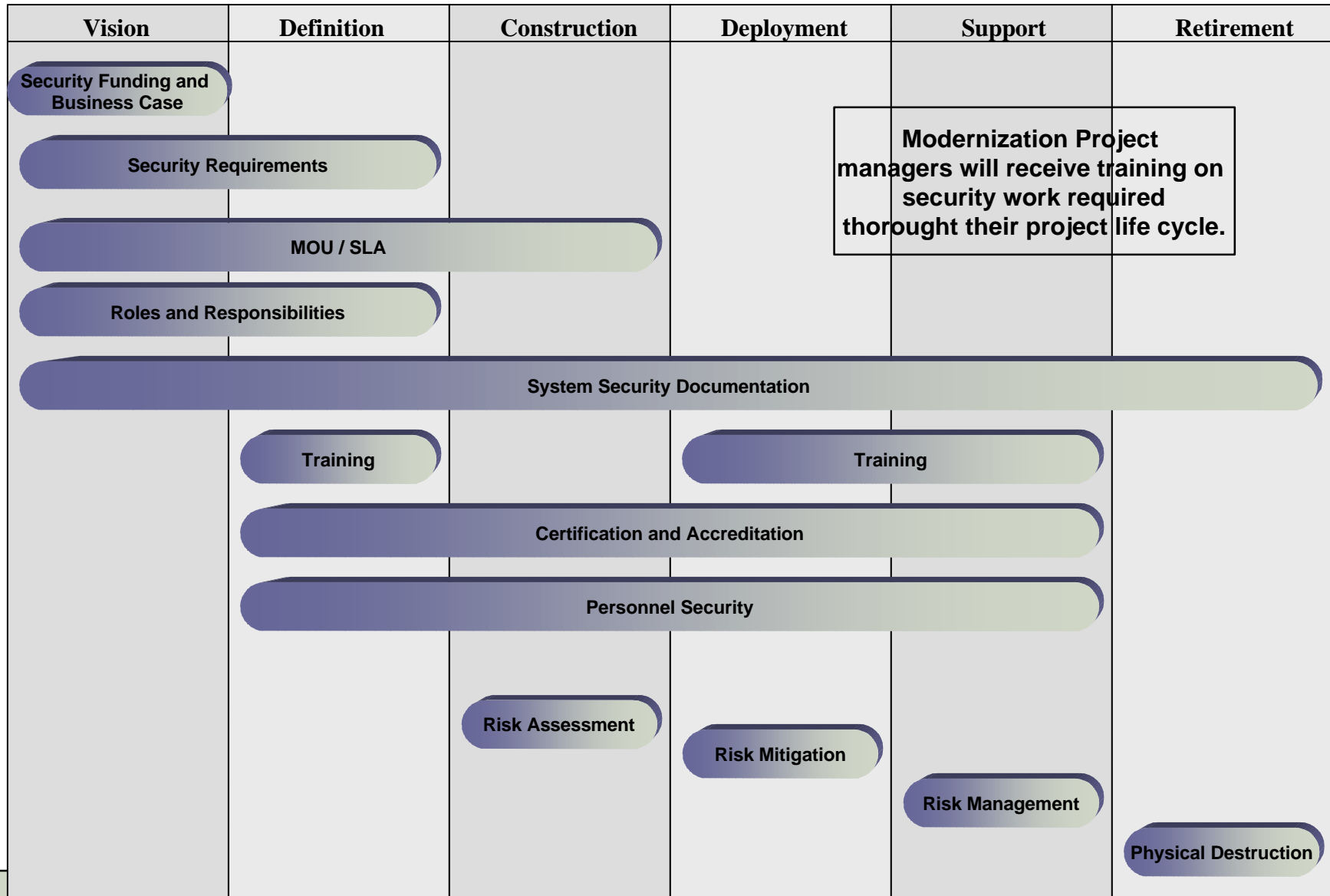
Security and Privacy Architecture



Security and Privacy Architecture



A. SDLC Security Components

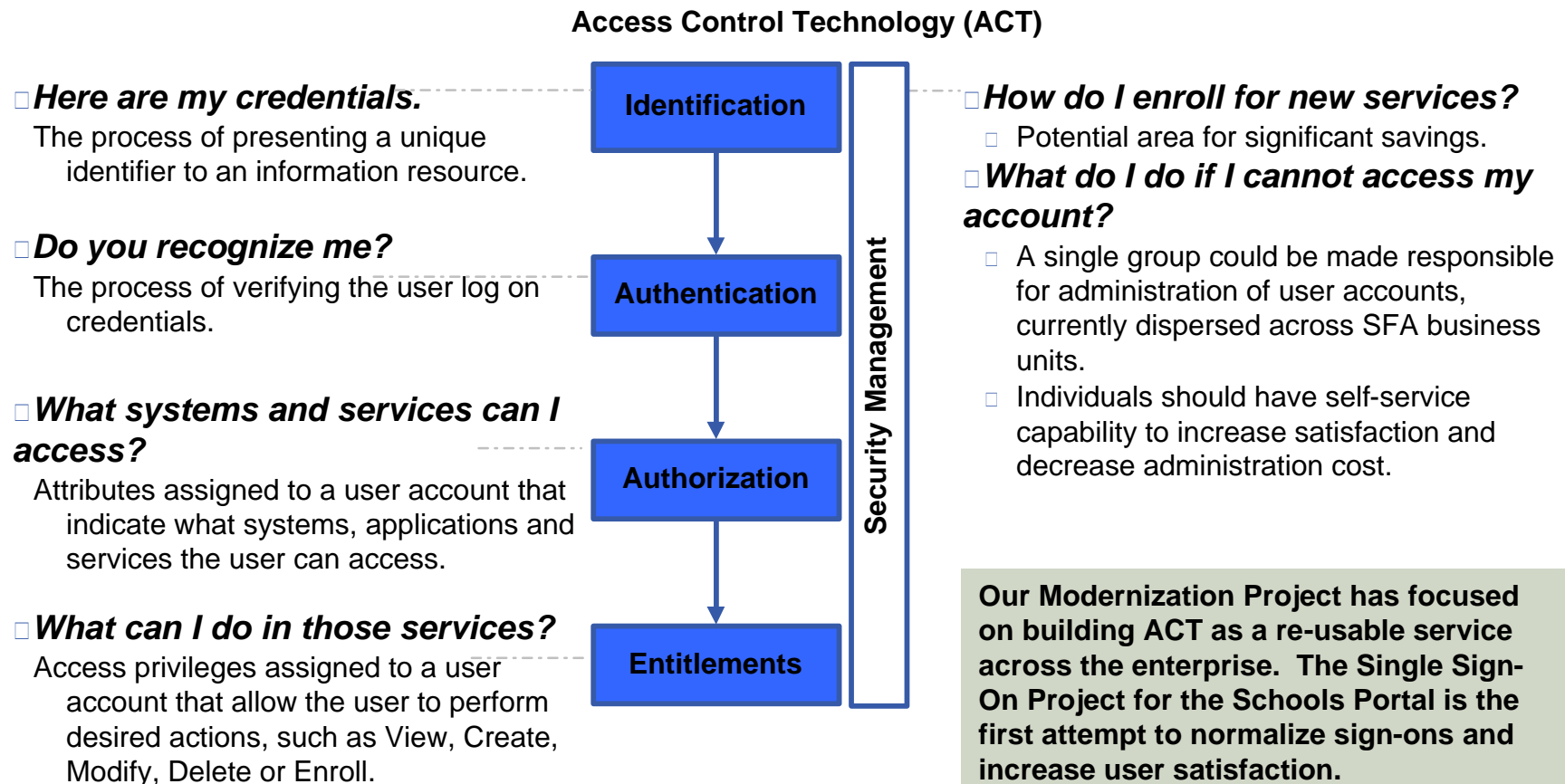


A. SDLC Security Deliverables

Vision	Definition	Construction	Deployment	Support	Retirement
<div>Business Case</div> <div><ul style="list-style-type: none">Business Case</div>					
<div>Security Requirements</div> <div><ul style="list-style-type: none">RFP Security RequirementsTask Order - Security</div>	<div><ul style="list-style-type: none">Security IdentificationSecurity Guidance MatrixThreat & Vulnerability Assessment</div>			<div>Examples of all required documentation will be made available for project Managers.</div>	
<div>MOU / SLA</div> <div><ul style="list-style-type: none">List of Business Partners</div>	<div><ul style="list-style-type: none">Draft MOU / SLA</div>	<div><ul style="list-style-type: none">Final MOU / SLA</div>			
<div>Roles and Responsibilities</div> <div><ul style="list-style-type: none">Assignment Letters</div>	<div><ul style="list-style-type: none">System Roles</div>				
<div>System Security Documentation</div>					
<div><ul style="list-style-type: none">Security ArtifactsElectronic File Structure</div>	<div><ul style="list-style-type: none">System Interconnections</div>	<div><ul style="list-style-type: none">Draft Security PlanDraft COOPDraft DRP</div>	<div><ul style="list-style-type: none">Final Security PlanFinal COOPFinal DRP</div>	<div><ul style="list-style-type: none">Follow OMB-A130 IIIFollow GISRAFollow Federal Guidance</div>	<div><ul style="list-style-type: none">Retention and Destruction Plan</div>
<div>Training</div>					
	<div><ul style="list-style-type: none">SSO Training</div>	<div><ul style="list-style-type: none">Training Curriculum</div>	<div><ul style="list-style-type: none">User Training Schedule</div>	<div><ul style="list-style-type: none">Annual Refresher TrainingNew User Training</div>	
<div>Certification and Accreditation</div>					
	<div><ul style="list-style-type: none">Project Plan</div>	<div><ul style="list-style-type: none">Draft SSAA</div>	<div><ul style="list-style-type: none">Final SSAACertification LetterAccreditation Letter</div>	<div><ul style="list-style-type: none">Recertification</div>	
<div>Personnel Security</div>					
	<div><ul style="list-style-type: none">Rules of BehaviorClearance RequirementsContractor Background FormsContractor Access Forms</div>	<div><ul style="list-style-type: none">Contractor Access LettersUser Background FormsUser Access Forms</div>		<div><ul style="list-style-type: none">Continuous Maintenance</div>	
<div>Risk Assessment</div>					
		<div><ul style="list-style-type: none">Level of RiskCorrective Action Plan</div>			
<div>Risk Mitigation</div>					
			<div><ul style="list-style-type: none">Completed CAPSecurity Test PlanTest Results</div>		
<div>Risk Management</div>					
				<div><ul style="list-style-type: none">Documented Completion of Test ResultsUpdated Operational ProceduresUpdated Test Results</div>	
<div>Physical Destruction</div>					
					<div><ul style="list-style-type: none">Sanitize, Destroy and Archive</div>

B. Access Control Technology

Single Sign-On is a function of Access Control Technology (ACT). This is current Modernization Work on the Placemat.



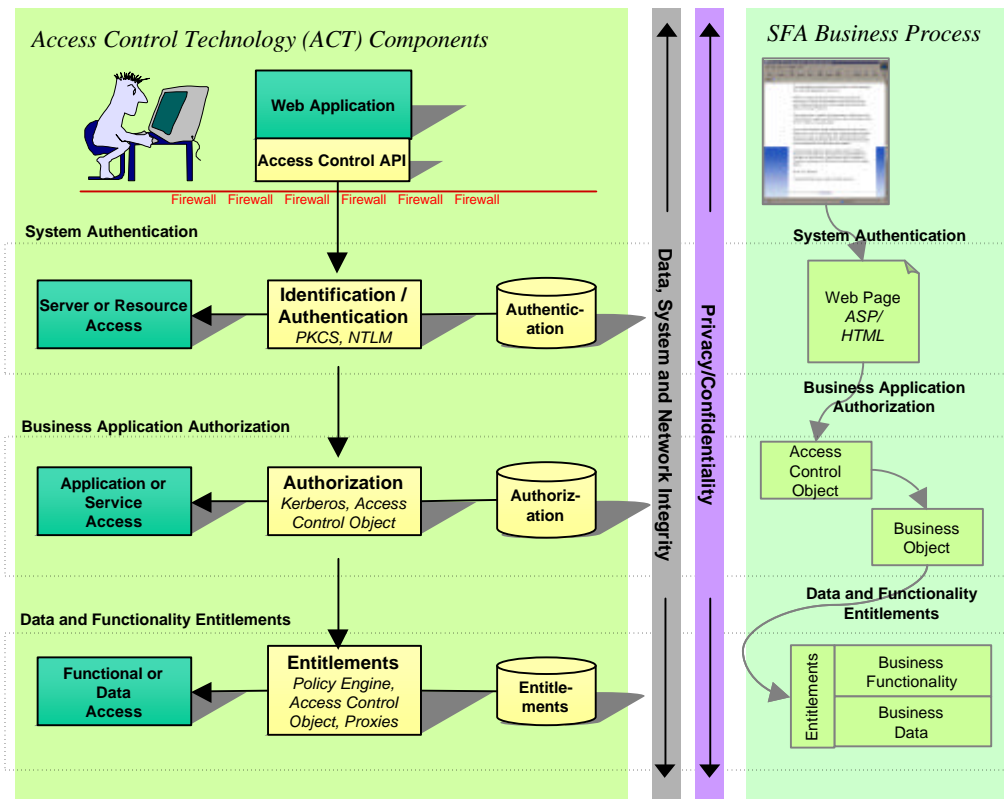
B. Access Control Components

- ACT manages how you access services, accounts, resources and data. An individual's identity is authenticated and the authenticated identity is used to determine what resources, services and information the individual can access.
- This is a tiered mechanism that can protect a systems environment at many different levels, including:

- Granting access to a web server
- Restricting which accounts can be acted on
- Defining what services are available
- Further refining actions that can be executed within a service

Access control will be administered by both SFA and trusted partners.

User enrollment and management could be centralized to create a share in savings opportunity. (But someone will lose their current business opportunity.)



B. ACT Implementation at SFA

Our work on Single Sign On has brought forward three findings that we did not know before: 1) User IDs must be normalized across applications; 2) A directory service is most often used to normalize IDs; and 3) SFA needs to cross business channels and assign ACT to one manager (CIO?).

